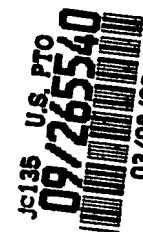


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I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box: Patent Application, Washington, D. C. 20231.

By: Lois E. Miller March 8, 1999
Lois E. Miller, date



PATENT/DX0804K

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Christi L. PARHAM, et al.

Serial No.: not yet assigned

Filed: March 8, 1999

For: HUMAN RECEPTOR PROTEINS;
RELATED REAGENTS AND
METHODS

Examiner: not assigned

Art Unit: not assigned

COMPUTER READABLE SEQUENCE
SUBMISSION

Palo Alto, California 94304

March 8, 1999

5

Assistant Commissioner for Patents
Box: Patent Application
Washington, D.C. 20231

10 Sir:

COMPLIANCE WITH REQUIREMENTS FOR PATENT APPLICATIONS
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID
SEQUENCE DISCLOSURES

15

In order to comply with requirements for patent applications containing nucleotide sequence and/or amino acid sequence disclosures, for the above-identified application, in accordance with 37 CFR § 1.821 - 1.825, Applicants hereby submit: (1) a write-protected diskette containing a computer-readable submission for the "Sequence Listing"; and (2) a "Sequence Listing" paper copy of the contents of the diskette.

20

REMARKS

25

Enclosed is a write protected floppy diskette with the sequence listing generated by the Patent Office's PATENTIN program. The Diskette should comply with the requirements of

37 CFR §1.824 and is IBM PC compatible with a PC-DOS/MS-DOS operating system. If the diskette has been damaged, please call Applicants and a replacement diskette will be provided. A hard paper copy printout of the diskette is attached thereto.

5 I hereby state the informational contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 CFR 1.821(c) and (e), respectively, are believed to be the same. This submission introduces no new matter, since enclosed sequences are the same as sequences which
10 were submitted in priority documents.

Applicants have invested over four hours of significant labor and care in preparing the present submission. The enclosed items are a bona fide effort to bring the present application into full compliance with the rules for sequence
15 submissions. Should this not be the case, Applicants respectfully request notification of specific deficiencies and an opportunity for remedy, as described in 37 CFR 1.135(c).

Applicants believe that no fees are required; however, if
20 any fees are required by the present Response, the Commissioner is authorized to charge any fees or credit any overpayment to DNAX Research Institute Deposit Account No. 04-1239.

Respectfully submitted,

25 Dated: March 8, 1999

By: Edwin P. Ching
Edwin P. Ching
Attorney for Applicants
Reg. No. 34,090

30 enclosures and attachments:
one write-protected diskette (CRM)
paper copy of contents of diskette (11 pages)

35 DNAX Research Institute
901 California Avenue
Palo Alto, California 94304-1104
40 Tel: (650) 852-9196
Fax: (650) 496-1200